

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 8, 1958

EPIDEMIOLOGICAL REPORTS

Influenza

The number of deaths from all causes in the 114 large cities for the week ended March 8 was 12,800 or 4.6 percent below the total for the previous week. The numbers decreased in every geographic division but remained above the expected numbers in the New England, Middle Atlantic, East North Central, South Atlantic, and East South Central areas, thus causing the total to remain above the expected figure. The number of deaths from influenza in 108 cities was 814 which is 3.9 percent below the number for the previous week. The median number for the previous 3 years was 389. The numbers for the current week were above the expected in all areas except the Mountain and Pacific.

Dr. Elinor Whitney, New York State Department of Health, has supplied information on 4 cases from whom an Asian strain of type A influenza virus was isolated. Two isolations were from nurses who were ill during an outbreak of influenza in a hospital. The third was from an infant who became ill at 9 days of age, developed a confluent lobar pneumonia, and died 4 days after onset. The mother and a twin were also ill with influenza-like symptoms. Virus was isolated from the lung of the infant that died. Bacterial isolates consisted of *Alcaligenes*, *Flavobacterium*, *Pseudomonas*, and diphtheroid organisms, which were considered to be "extraneous." The fourth case was a laboratory worker who was engaged in different phases of work with the A/Jap/305/57 strain of influenza virus during July and August 1957. In the period of 2 to 14 days prior to onset of her in-

Continued on page 2

Table I. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	10th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 8, 1958	Ended Mar. 9, 1957	Median 1953-57	First 10 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	1	-	-	6	6	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	-	-	4	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)----044	16	12	28	122	139	224	(1)	(1)	(1)	(1)
Diphtheria-----055	16	13	44	181	204	424	953	953	1,749	July 1
Encephalitis, infectious-----082	20	21	26	197	188	200	1,495	1,754	1,536	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	308	351	561	3,385	3,902	6,244	7,190	9,101	12,676	Sept. 1
Malaria-----110-117	-	-	3	11	14	31	(1)	(1)	(1)	(1)
Measles-----085	24,280	18,544	20,330	2134,463	127,112	122,870	2167,366	164,321	154,211	Sept. 1
Meningococcal infections-----057	78	65	107	655	561	953	1,612	1,292	1,975	Sept. 1
Meningitis, other-----340	50	32	---	465	324	---	---	---	---	---
Polio-myelitis-----080	19	33	70	185	427	968	5,553	14,775	35,668	Apr. 1
Paralytic-----080.0,080.1	10	15	---	105	230	---	---	1,989	6,356	Apr. 1
Nonparalytic-----080.2	5	15	---	57	126	---	2,696	5,734	---	Apr. 1
Unspecified-----080.3	4	3	---	23	71	---	868	2,685	---	Apr. 1
Psittacosis-----096.2	4	7	3	21	48	48	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	1	-	1	(1)	(1)	(1)	(1)
Typhoid fever-----040	12	16	21	140	199	248	1,160	1,646	2,131	Apr. 1
Typhus fever, endemic-----101	-	-	1	8	22	22	97	108	160	Apr. 1
Rabies in animals-----	114	99	135	925	1,020	1,202	1,740	1,984	2,567	Oct. 1

¹Data show no pronounced seasonal change in incidence.

²Includes revised report from Rhode Island for weeks ended February 15 and February 22.

Symbols. — 1 dash [-]: no cases reported; []: data not available.

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EPIDEMIOLOGICAL REPORTS—Continued

fection, she inoculated mice intranasally and also inoculated ferrets on July 29. On August 1 and 2, the ferrets were sneezing. The usual precautions were taken in the animal work; gowns, gauze masks, and plastic face shields were worn. Care was taken to avoid aerosols during inoculation; and hands were washed frequently. The preparation and processing of vaccine was carried out in the 2-week period immediately prior to onset of infection. The patient, who did not wear glasses, developed conjunctivitis in one eye as her only symptom. Onset was sudden on August 8, and the infection lasted 5 or 6 days. Virus was isolated from an eye swab taken on August 9. Dr. Whitney also reports that 160 sera were examined in complement fixation tests in January 1958 and 125 in February. Serologic evidence of infection with type A influenza virus was demonstrated in the sera of 19 patients in January and 9 in February.

Dr. F. H. Wentworth, Ohio Department of Health, has supplied additional information on an outbreak of influenza in a county home which housed elderly people. There were 53 cases among 152 inmates and 8 among 52 nurses in the outbreak which began on February 18. Of 6 throat washings 4 yielded an Asian strain of type A influenza virus. No new reports of outbreaks in the State were received in the past week. In cities reporting large excesses in influenza and pneumonia deaths, most of the deaths are said to be due to pneumonia.

The Vermont Department of Health states that a small outbreak of influenza-like illness began in a small community of the State late in February. Six cases were observed in the first week and several more during the following week. Specimens have been collected for laboratory study.

The New Jersey Department of Health reports that an Asian strain of type A influenza virus was isolated from throat washings taken from students in a college during an epidemic of a mild febrile illness previously reported. The attack rate is estimated to have been about 5 percent. An outbreak is also reported at a Coast Guard station in which all cases are said to be in men vaccinated more than 4 weeks previous.

Human rabies

Dr. F. H. Wentworth, Ohio Department of Health, has reported the following facts about a case of rabies. The patient, a 4-year-old child, was bitten on the forehead by a stray dog on December 24, 1957. Neither vaccine nor hyperimmune serum was administered. Onset of symptoms was on January 30, 1958, and the child died on February 2. Negri bodies were found in the brain, and mouse inoculation tests were positive for rabies. The dog was not apprehended. The area in which the child lived is one of those where animal rabies has been encountered frequently in the past year.

Gastro-enteritis

The Idaho State Board of Health has reported an outbreak of gastro-enteritis among 32 persons eating in a service club. The chief symptom, diarrhea, began 6 to 12 hours after ingestion of food prepared by a catering service. The suspected vehicle was a rolled sirloin roast which had had an unnatural red

color and slick texture both before and after cooking. Many guests refused to eat the meat from this roast. No common enteric pathogens were recovered from the meat, and the chemical treatment of the meat, possibly with excessive nitrate, was believed to be the cause of the outbreak.

The California State Department of Public Health has forwarded reports of several outbreaks of gastro-enteritis in that State. An outbreak occurred among 11 students who ate beef "tacos" in a restaurant. Nausea, vomiting, and diarrhea began 9 to 14 hours after eating the suspected food, and all of those who were ill recovered within 24 hours. The persons who accompanied the group but did not eat tacos remained well, whereas all of those who did eat tacos became ill. There were no other common foods eaten by all of those who were ill. None of the suspected food was available for examination. In another outbreak 2 persons became ill with nausea, stomach cramps, and diarrhea 14 and 17 hours after eating shelled frozen crab purchased from a grocery store. The symptoms lasted 3 to 4 hours. The crab had been thawed and repacked into smaller containers during processing, and had been eaten without further cooking by those who became ill. No specimens were examined. In a third outbreak 3 of 4 persons eating meatloaf sandwiches purchased from an eating establishment became ill with nausea, severe vomiting, cramps, and dizziness. Symptoms developed in from 2 to 4½ hours. The eating establishment was undergoing remodeling and food was allowed to remain on the steam tables for prolonged periods. A fourth outbreak was in a private home. Nausea, vomiting, diarrhea, and weakness occurred in 2 of 3 persons, who attributed their illness to canned mushrooms. No mushrooms were available for laboratory investigation. The fifth outbreak occurred among 3 of 5 persons in a private home 2 to 3 hours after eating their evening meal. Symptoms consisted of nausea, vomiting, abdominal cramps, and weakness. One individual had diarrhea. The family believed a salad composed of 2 kinds of lettuce and french dressing was the source of their indisposition. No specimens were examined.

Ringworm

Ralph A. Masterson, D.V.M., Ohio Department of Health, has reported the study of a ringworm epidemic in a school in Ohio. There were 18 primary cases of ringworm in the school, and 2 secondary cases were found by a nurse. The 18 primary cases were all traceable to association with a cat purchased as a Christmas gift for a schoolteacher by her husband. The 2 presumably secondary cases had no direct contact with the cat. At the time of the investigation only 1 untreated lesion could be found; this was on the edge of the scalp of the teacher. Culture of hairs from this lesion revealed *Microsporum canis*. Since the cat was already under treatment for some very minor lesions on the ears no attempt was made to culture the organism from this animal.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 9, 1957, AND MARCH 8, 1958
 (By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		10th week		Cumulative first 10 weeks		082		10th week		Cumulative first 10 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	16	12	16	13	181	204	20	21	308	351	3,385	3,902
NEW ENGLAND-----	-	-	-	-	4	4	1	1	10	16	114	233
Maine-----	-	-	-	-	-	-	-	-	3	8	12	72
New Hampshire-----	-	-	-	-	-	-	-	-	-	1	4	4
Vermont-----	-	-	-	-	-	-	-	-	2	3	4	45
Massachusetts-----	-	-	-	-	4	3	1	-	1	3	57	65
Rhode Island-----	-	-	-	-	-	-	-	-	2	1	17	21
Connecticut-----	-	-	-	-	-	-	-	1	2	1	23	26
MIDDLE ATLANTIC-----	-	1	1	-	18	8	5	5	28	51	349	499
New York-----	-	-	-	-	10	4	4	4	22	33	208	259
New Jersey-----	-	-	-	-	1	2	-	1	1	6	42	85
Pennsylvania-----	-	1	1	-	7	2	1	-	5	12	99	155
EAST NORTH CENTRAL-----	3	1	-	3	6	17	2	3	49	75	528	762
Ohio-----	-	-	-	1	2	4	-	-	13	18	156	205
Indiana-----	-	-	-	1	2	2	-	-	2	13	53	75
Illinois-----	2	-	-	-	-	-	-	2	8	15	109	179
Michigan-----	1	-	-	-	2	10	-	1	24	22	185	226
Wisconsin-----	-	1	-	1	-	1	2	-	2	7	25	77
WEST NORTH CENTRAL-----	7	6	2	1	15	25	4	1	48	19	247	273
Minnesota-----	1	-	-	1	-	18	-	-	14	5	36	93
Iowa-----	1	3	-	-	2	1	-	-	3	7	36	59
Missouri-----	2	-	2	-	9	-	-	-	7	2	40	53
North Dakota-----	-	1	-	-	1	-	-	-	4	-	36	46
South Dakota-----	-	-	-	-	-	4	-	-	-	3	1	12
Nebraska-----	3	2	-	-	3	1	-	-	1	2	14	6
Kansas-----	-	-	-	-	-	1	4	1	19	-	84	4
SOUTH ATLANTIC-----	3	2	7	1	55	58	-	-	21	44	236	278
Delaware-----	-	-	-	-	-	-	-	-	-	2	4	4
Maryland-----	-	-	-	-	1	1	-	-	2	8	24	31
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	4	7
Virginia-----	-	1	1	-	8	-	-	-	5	10	65	104
West Virginia-----	-	-	1	-	2	1	-	-	6	6	34	26
North Carolina-----	1	1	-	-	8	10	-	-	2	3	17	23
South Carolina-----	-	-	-	-	7	10	-	-	-	3	7	10
Georgia-----	2	-	3	-	17	16	-	-	2	3	28	34
Florida-----	-	-	2	1	12	20	-	-	4	9	53	39
EAST SOUTH CENTRAL-----	2	1	3	3	16	33	1	2	12	27	270	587
Kentucky-----	1	1	-	-	1	8	-	1	6	6	138	222
Tennessee-----	1	-	-	-	5	3	1	1	4	9	80	256
Alabama-----	-	-	2	3	7	11	-	-	-	5	39	59
Mississippi-----	-	-	1	-	3	11	-	-	2	7	13	50
WEST SOUTH CENTRAL-----	-	-	1	4	38	46	-	1	27	32	247	247
Arkansas-----	-	-	-	-	6	3	-	-	-	-	16	27
Louisiana-----	-	-	-	-	2	-	-	-	1	-	5	14
Oklahoma-----	-	-	1	-	12	9	-	-	2	3	38	32
Texas-----	-	-	-	4	18	34	-	1	24	29	188	174
MOUNTAIN-----	1	1	2	1	27	8	-	-	46	32	820	339
Montana-----	-	-	2	-	14	2	-	-	4	1	78	29
Idaho-----	-	-	-	-	1	1	-	-	9	1	54	26
Wyoming-----	-	-	-	-	2	1	-	-	-	-	4	7
Colorado-----	-	-	-	1	5	1	-	-	7	2	42	57
New Mexico-----	-	-	-	-	4	3	-	-	5	17	99	107
Arizona-----	-	1	-	-	1	-	-	-	5	9	445	76
Utah-----	1	-	-	-	-	-	-	-	7	2	46	17
Nevada-----	-	-	-	-	-	-	-	-	9	-	52	20
PACIFIC-----	-	-	-	-	2	5	7	8	67	55	574	684
Washington-----	-	-	-	-	-	-	-	-	15	6	126	112
Oregon-----	-	-	-	-	1	1	-	-	6	8	55	147
California-----	-	-	-	-	1	4	7	8	46	41	393	425
Alaska-----	-	-	-	-	-	-	-	-	10	-	52	21
Hawaii-----	-	-	-	-	-	-	-	-	1	-	12	7
Puerto Rico-----	-	-	1	2	10	6	-	-	-	1	29	21

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 9, 1957, AND MARCH 8, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	10th week		Cumulative first 10 weeks		080.0,080.1		080.2					
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	19	33	185	427	10	15	5	15	-	-	24,280	18,544
NEW ENGLAND-----	-	1	3	4	-	-	-	1	-	-	2,315	853
Maine-----	-	-	2	1	-	-	-	-	-	-	69	217
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	56	70
Vermont-----	-	-	-	-	-	-	-	-	-	-	86	105
Massachusetts-----	-	1	1	1	-	-	-	1	-	-	1,457	202
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	192	9
Connecticut-----	-	-	-	2	-	-	-	-	-	-	455	250
MIDDLE ATLANTIC-----	-	2	10	16	-	-	-	1	-	-	3,421	2,459
New York-----	-	2	8	12	-	-	-	1	-	-	2,128	1,085
New Jersey-----	-	-	2	2	-	-	-	-	-	-	633	855
Pennsylvania-----	-	-	-	2	-	-	-	-	-	-	660	519
EAST NORTH CENTRAL-----	3	1	17	49	-	-	-	1	-	-	4,804	3,075
Ohio-----	2	-	4	10	-	-	-	-	-	-	1,050	241
Indiana-----	-	-	1	10	-	-	-	-	-	-	536	280
Illinois-----	-	-	3	7	-	-	-	-	-	-	551	501
Michigan-----	1	1	7	16	-	-	-	1	-	-	746	746
Wisconsin-----	-	-	2	6	-	-	-	-	-	-	1,921	1,307
WEST NORTH CENTRAL-----	1	1	5	40	1	1	-	-	-	-	408	972
Minnesota-----	-	-	1	1	-	-	-	-	-	-	49	452
Iowa-----	-	-	1	3	-	-	-	-	-	-	133	170
Missouri-----	-	-	1	11	-	-	-	-	-	-	74	143
North Dakota-----	1	-	-	-	1	-	-	-	-	-	103	171
South Dakota-----	-	-	1	2	-	-	-	-	-	-	7	29
Nebraska-----	-	1	-	14	-	1	-	-	-	-	38	4
Kansas-----	-	-	-	9	-	-	-	-	-	-	4	3
SOUTH ATLANTIC-----	4	2	54	69	3	-	1	2	-	-	2,597	1,315
Delaware-----	1	-	1	-	1	-	-	-	-	-	27	5
Maryland-----	-	-	-	-	-	-	-	-	-	-	276	24
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	76	22
Virginia-----	-	-	1	4	-	-	-	-	-	-	574	109
West Virginia-----	-	1	3	4	-	-	-	1	-	-	266	94
North Carolina-----	1	1	19	9	-	-	1	1	-	-	387	44
South Carolina-----	-	-	2	20	-	-	-	-	-	-	219	269
Georgia-----	-	-	4	9	-	-	-	-	-	-	251	392
Florida-----	2	-	24	23	2	-	-	-	-	-	521	356
EAST SOUTH CENTRAL-----	-	2	19	27	-	2	-	-	-	-	2,420	1,767
Kentucky-----	-	-	12	2	-	-	-	-	-	-	581	878
Tennessee-----	-	-	2	6	-	-	-	-	-	-	1,577	451
Alabama-----	-	-	3	6	-	-	-	-	-	-	229	358
Mississippi-----	-	2	2	13	-	2	-	-	-	-	33	80
WEST SOUTH CENTRAL-----	6	15	26	96	4	6	2	8	-	-	4,610	2,381
Arkansas-----	1	3	3	5	1	-	-	3	-	-	261	193
Louisiana-----	-	4	6	16	-	3	-	1	-	-	15	10
Oklahoma-----	1	1	1	6	-	-	1	-	-	-	237	53
Texas-----	4	7	16	69	3	3	1	4	-	-	4,097	2,125
MOUNTAIN-----	-	2	12	34	-	1	-	-	-	-	1,397	2,014
Montana-----	-	-	-	2	-	-	-	-	-	-	137	43
Idaho-----	-	-	-	1	-	-	-	-	-	-	177	89
Wyoming-----	-	-	1	1	-	-	-	-	-	-	15	5
Colorado-----	-	-	-	5	-	-	-	-	-	-	167	97
New Mexico-----	-	-	8	3	-	-	-	-	-	-	501	210
Arizona-----	-	1	2	9	-	1	-	-	-	-	314	307
Utah-----	-	1	1	11	-	-	-	-	-	-	85	1,189
Nevada-----	-	-	-	2	-	-	-	-	-	-	1	74
PACIFIC-----	5	7	39	92	2	5	2	2	-	-	2,308	3,708
Washington-----	1	-	1	1	-	-	-	-	-	-	622	702
Oregon-----	1	-	6	8	-	-	1	-	-	-	391	481
California-----	3	7	32	83	2	5	1	2	-	-	1,295	2,525
Alaska-----	-	-	-	1	-	-	-	-	-	-	9	5
Hawaii-----	-	-	1	2	-	-	-	-	-	-	2	291
Puerto Rico-----	1	-	18	4	1	-	-	-	-	-	38	76

¹Includes cases not specified by type, category number 080.3.

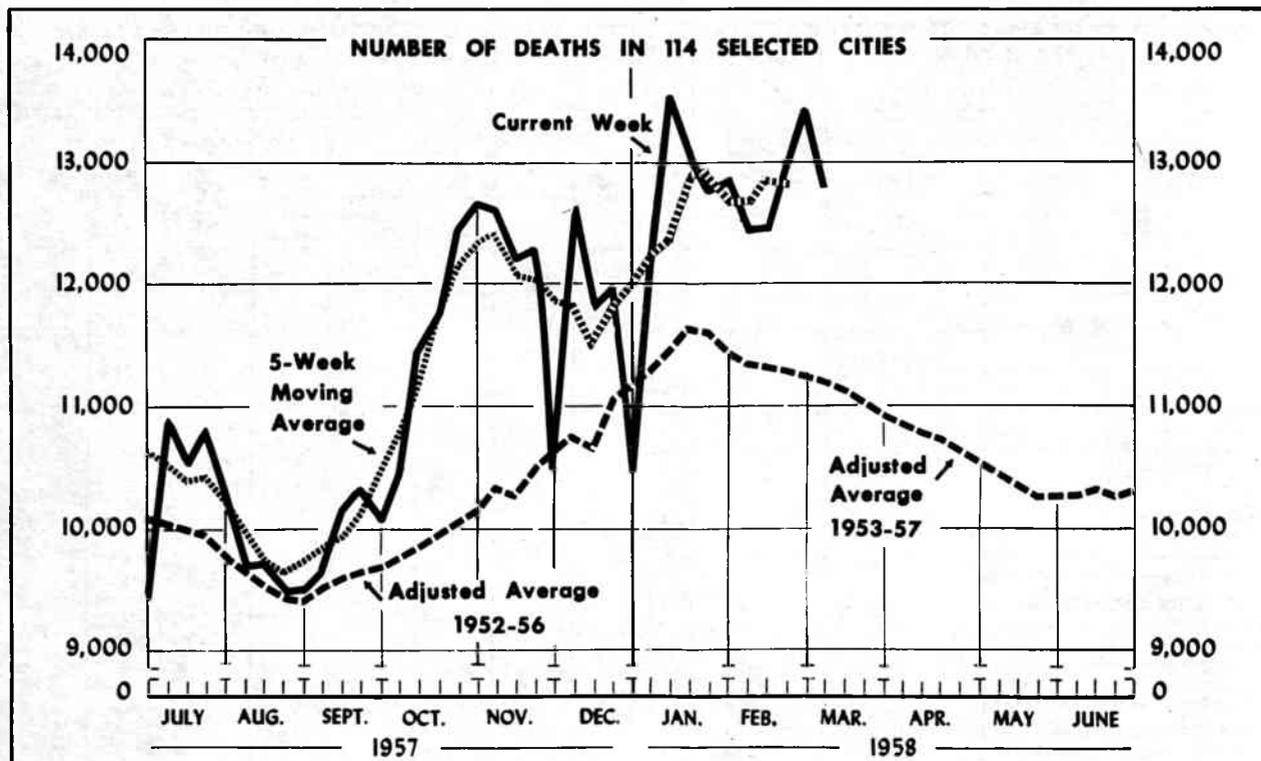
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 9, 1957, AND MARCH 8, 1958--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
			340			10th week		Cumulative first 10 weeks		101		
	057	1957	1958	1958	1957	1958	1957	1958	1957	1958	1958	1957
CONT. UNITED STATES-----	78	65	50	4	7	12	16	140	199	-	114	99
NEW ENGLAND-----	4	6	2	-	1	-	1	1	8	-	-	-
Maine-----	1	-	-	-	-	-	1	-	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	3	1	-	-	-	-	1	2	-	-	-
Rhode Island-----	2	-	1	-	-	-	-	-	2	-	-	-
Connecticut-----	-	3	-	-	1	-	-	-	2	-	-	-
MIDDLE ATLANTIC-----	13	14	-	1	1	1	-	16	23	-	1	3
New York-----	8	8	-	1	1	1	-	4	8	-	-	3
New Jersey-----	-	2	-	-	-	-	-	6	7	-	-	-
Pennsylvania-----	5	4	-	1	-	-	-	6	8	-	1	-
EAST NORTH CENTRAL-----	10	13	9	1	-	1	2	15	26	-	25	6
Ohio-----	1	2	-	-	-	-	-	3	13	-	13	-
Indiana-----	-	2	-	-	-	-	1	2	5	-	7	1
Illinois-----	3	3	8	-	-	-	-	-	2	-	2	1
Michigan-----	3	3	-	-	-	-	-	3	5	-	-	3
Wisconsin-----	3	3	1	1	-	-	-	4	1	-	3	1
WEST NORTH CENTRAL-----	5	2	1	-	3	3	3	22	19	-	14	17
Minnesota-----	2	-	-	-	3	-	-	2	2	-	5	3
Iowa-----	-	1	-	-	-	-	-	4	4	-	6	6
Missouri-----	2	1	-	-	-	2	1	12	8	-	2	7
North Dakota-----	-	-	-	-	-	-	-	-	-	-	1	1
South Dakota-----	-	-	-	-	-	-	1	-	3	-	-	-
Nebraska-----	-	1	-	-	-	-	-	1	-	-	-	-
Kansas-----	1	-	-	-	-	1	1	3	2	-	-	-
SOUTH ATLANTIC-----	14	7	19	-	-	-	3	19	41	-	25	26
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	-	3	-	-	-	-	1	1	-	-	-
District of Columbia-----	3	-	1	-	-	-	-	1	2	-	-	-
Virginia-----	2	1	11	-	-	-	-	3	8	-	7	4
West Virginia-----	2	2	1	-	-	-	-	1	7	-	8	3
North Carolina-----	3	1	-	-	-	-	2	9	8	-	1	4
South Carolina-----	-	-	-	-	-	-	-	1	2	-	2	2
Georgia-----	1	2	-	-	-	-	-	-	4	-	7	5
Florida-----	3	1	3	-	-	-	1	3	9	-	-	8
EAST SOUTH CENTRAL-----	8	9	6	-	1	2	4	15	32	-	24	17
Kentucky-----	-	-	-	-	-	-	4	4	7	-	16	7
Tennessee-----	3	1	5	-	1	1	2	4	14	-	4	2
Alabama-----	1	6	-	-	-	1	-	6	2	-	4	8
Mississippi-----	4	2	1	-	-	-	-	1	9	-	-	-
WEST SOUTH CENTRAL-----	17	4	11	-	-	4	3	32	28	-	20	27
Arkansas-----	-	-	1	-	-	-	1	-	6	-	4	6
Louisiana-----	5	1	-	-	-	1	2	15	6	-	2	9
Oklahoma-----	3	3	6	-	-	1	-	1	5	-	6	1
Texas-----	9	-	4	-	-	2	-	16	11	-	8	11
MOUNTAIN-----	4	4	2	-	-	1	-	5	11	-	1	-
Montana-----	-	1	-	-	-	-	-	-	1	-	-	-
Idaho-----	-	-	-	-	-	1	-	3	1	-	-	-
Wyoming-----	-	1	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	2	-	-	-	-	-	2	-	-	-
New Mexico-----	-	1	-	-	-	-	-	1	6	-	-	-
Arizona-----	3	1	-	-	-	-	-	1	1	-	1	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	1	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	3	6	-	2	1	-	-	15	11	-	4	3
Washington-----	2	2	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	-	-	-	1	-	-	3	1	-	-	-
California-----	1	4	-	2	-	-	-	12	10	-	4	3
Alaska-----	2	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	-	-	-
Puerto Rico-----	-	-	2	-	-	-	-	2	8	-	-	1

Symbol.—1 dash [-]: no cases reported.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	10th week ended Mar. 8, 1958	9th week ended Mar. 1, 1958	Adjusted average, 10th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 10 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	12,800	13,422	11,218	+14.1	128,463	113,780	+12.9
New England----- (14 cities)	832	879	739	+12.6	7,901	7,666	+3.1
Middle Atlantic----- (20 cities)	3,861	3,925	3,344	+15.5	37,755	33,030	+14.3
East North Central----- (19 cities)	2,778	2,891	2,416	+15.0	27,655	24,264	+14.0
West North Central----- (9 cities)	891	972	792	+12.5	9,008	7,973	+13.0
South Atlantic----- (11 cities)	1,135	1,305	920	+23.4	11,348	9,651	+17.6
East South Central----- (8 cities)	637	678	494	+28.9	6,105	4,961	+23.1
West South Central----- (13 cities)	1,024	1,045	851	+20.3	10,965	9,482	+15.6
Mountain----- (8 cities)	301	304	262	+14.9	3,207	2,775	+15.6
Pacific----- (12 cities)	1,341	1,423	1,378	-2.7	14,519	13,978	+3.9

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	10th week ended	9th week ended	CUMULATIVE NUMBER FIRST 10 WEEKS		AREA	10th week ended	9th week ended	CUMULATIVE NUMBER FIRST 10 WEEKS	
	Mar. 8, 1958	Mar. 1, 1958	1958	1957		Mar. 8, 1958	Mar. 1, 1958	1958	1957
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	278	310	2,704	2,610	St. Louis, Mo.-----	290	368	3,047	2,502
Bridgeport, Conn.-----	48	63	453	399	St. Paul, Minn.-----	83	88	829	686
Cambridge, Mass.-----	48	34	341	332	Wichita, Kans.-----	35	52	484	445
Fall River, Mass.-----	38	30	309	285	SOUTH ATLANTIC:				
Hartford, Conn.-----	60	69	565	555	Atlanta, Ga.-----	137	134	1,254	1,180
Lowell, Mass.-----	31	29	287	276	Baltimore, Md.-----	277	345	2,922	2,503
Lynn, Mass.-----	27	20	220	239	Charlotte, N. C.-----	33	46	368	360
New Bedford, Mass.-----	30	18	296	299	Jacksonville, Fla.-----	94	71	774	567
New Haven, Conn.-----	57	64	516	501	Miami, Fla.-----	99	100	871	535
Providence, R. I.-----	74	72	734	673	Norfolk, Va.-----	26	49	415	383
Somerville, Mass.-----	16	17	148	146	Richmond, Va.-----	81	65	781	775
Springfield, Mass.-----	35	43	425	460	Savannah, Ga.-----	42	45	398	326
Waterbury, Conn.-----	34	34	311	260	St. Petersburg, Fla.-----	(98)	(116)	(841)	---
Worcester, Mass.-----	56	76	592	631	Tampa, Fla.-----	75	123	817	671
MIDDLE ATLANTIC:					WASHINGTON, D. C.-----				
Albany, N. Y.-----	50	69	587	526	Washington, D. C.-----	234	273	2,337	1,951
Allentown, Pa.-----	34	34	369	389	Wilmington, Del.-----	37	54	411	400
Buffalo, N. Y.-----	250	231	1,789	1,531	EAST SOUTH CENTRAL:				
Camden, N. J.-----	63	55	506	418	Birmingham, Ala.-----	124	106	1,035	787
Elizabeth, N. J.-----	37	31	378	273	Chatanooga, Tenn.-----	43	65	541	496
Erie, Pa.-----	39	43	383	367	Knoxville, Tenn.-----	41	32	336	304
Jersey City, N. J.-----	84	91	849	735	Louisville, Ky.-----	124	143	1,277	1,117
Newark, N. J.-----	76	99	1,127	1,126	Memphis, Tenn.-----	147	158	1,341	1,046
New York City, N. Y.-----	1,855	1,915	19,426	16,873	Mobile, Ala.-----	35	45	478	330
Paterson, N. J.-----	39	64	512	404	Montgomery, Ala.-----	43	47	436	250
Philadelphia, Pa.-----	716	635	5,805	4,830	Nashville, Tenn.-----	80	82	661	631
Pittsburgh, Pa.-----	238	205	2,168	1,895	WEST SOUTH CENTRAL:				
Reading, Pa.-----	23	28	228	256	Austin, Tex.-----	41	42	366	331
Rochester, N. Y.-----	121	140	1,116	1,013	Baton Rouge, La.-----	24	32	349	281
Schenectady, N. Y.-----	29	25	277	230	Corpus Christi, Tex.-----	19	29	245	191
Scranton, Pa.-----	31	53	350	401	Dallas, Tex.-----	157	160	1,322	1,139
Syracuse, N. Y.-----	74	63	669	602	El Paso, Tex.-----	31	42	421	296
Trenton, N. J.-----	33	76	554	508	Fort Worth, Tex.-----	53	69	692	641
Utica, N. Y.-----	26	28	299	320	Houston, Tex.-----	165	191	1,860	1,569
Yonkers, N. Y.-----	43	40	363	333	Little Rock, Ark.-----	64	35	587	573
EAST NORTH CENTRAL:					New Orleans, La.-----				
Akron, Ohio-----	77	72	659	551	Oklahoma City, Okla.-----	65	83	765	633
Canton, Ohio-----	25	45	319	320	San Antonio, Tex.-----	109	79	1,116	995
Chicago, Ill.-----	869	896	9,114	7,842	Shreveport, La.-----	72	33	549	509
Cincinnati, Ohio-----	183	227	1,819	1,648	Tulsa, Okla.-----	43	41	540	525
Cleveland, Ohio-----	268	278	2,383	2,193	MOUNTAIN:				
Columbus, Ohio-----	151	120	1,314	1,130	Albuquerque, N. Mex.-----	34	26	284	258
Dayton, Ohio-----	93	100	856	778	Colorado Springs, Colo.-----	9	11	134	134
Detroit, Mich.-----	345	392	3,654	3,352	Denver, Colo.-----	117	127	1,277	1,174
Evansville, Ind.-----	27	38	420	306	Ogden, Utah-----	12	11	150	128
Flint, Mich.-----	48	41	425	378	Phoenix, Ariz.-----	46	49	510	325
Fort Wayne, Ind.-----	43	50	417	368	Pueblo, Colo.-----	14	6	127	133
Gary, Ind.-----	38	29	365	309	Salt Lake City, Utah-----	52	48	485	420
Grand Rapids, Mich.-----	56	52	502	410	Tucson, Ariz.-----	17	26	240	203
Indianapolis, Ind.-----	157	150	1,359	1,244	PACIFIC:				
Madison, Wis.-----	---	(30)	---	(320)	Berkeley, Calif.-----	24	21	218	206
Milwaukee, Wis.-----	149	169	1,603	1,337	Fresno, Calif.-----	(52)	(37)	(395)	---
Peoria, Ill.-----	35	30	355	289	Glendale, Calif.-----	(37)	(40)	(368)	---
Rockford, Ill.-----	(20)	(31)	(298)	(240)	Long Beach, Calif.-----	57	55	611	581
South Bend, Ind.-----	29	28	308	246	Los Angeles, Calif.-----	475	530	5,333	5,096
Toledo, Ohio-----	130	118	1,223	965	Oakland, Calif.-----	102	105	1,031	1,036
Youngstown, Ohio-----	55	56	560	598	Pasadena, Calif.-----	33	50	374	403
WEST NORTH CENTRAL:					Portland, Oreg.-----				
Des Moines, Iowa-----	48	52	590	542	Sacramento, Calif.-----	53	52	560	543
Duluth, Minn.-----	25	24	251	284	San Diego, Calif.-----	92	77	863	856
Kansas City, Kans.-----	33	30	318	320	San Francisco, Calif.-----	204	210	2,157	2,033
Kansas City, Mo.-----	144	138	1,372	1,180	San Jose, Calif.-----	(22)	(21)	(231)	---
Lincoln, Nebr.-----	(29)	(21)	(274)	---	Seattle, Wash.-----	111	142	1,426	1,356
Minneapolis, Minn.-----	142	146	1,369	1,299	Spokane, Wash.-----	43	47	496	471
Omaha, Nebr.-----	91	74	748	715	Tacoma, Wash.-----	24	45	394	404
					Honolulu, Hawaii-----				
					(29) (35) (385) (421)				

Symbols.—parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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